

FIG. 1
(Prior Art)

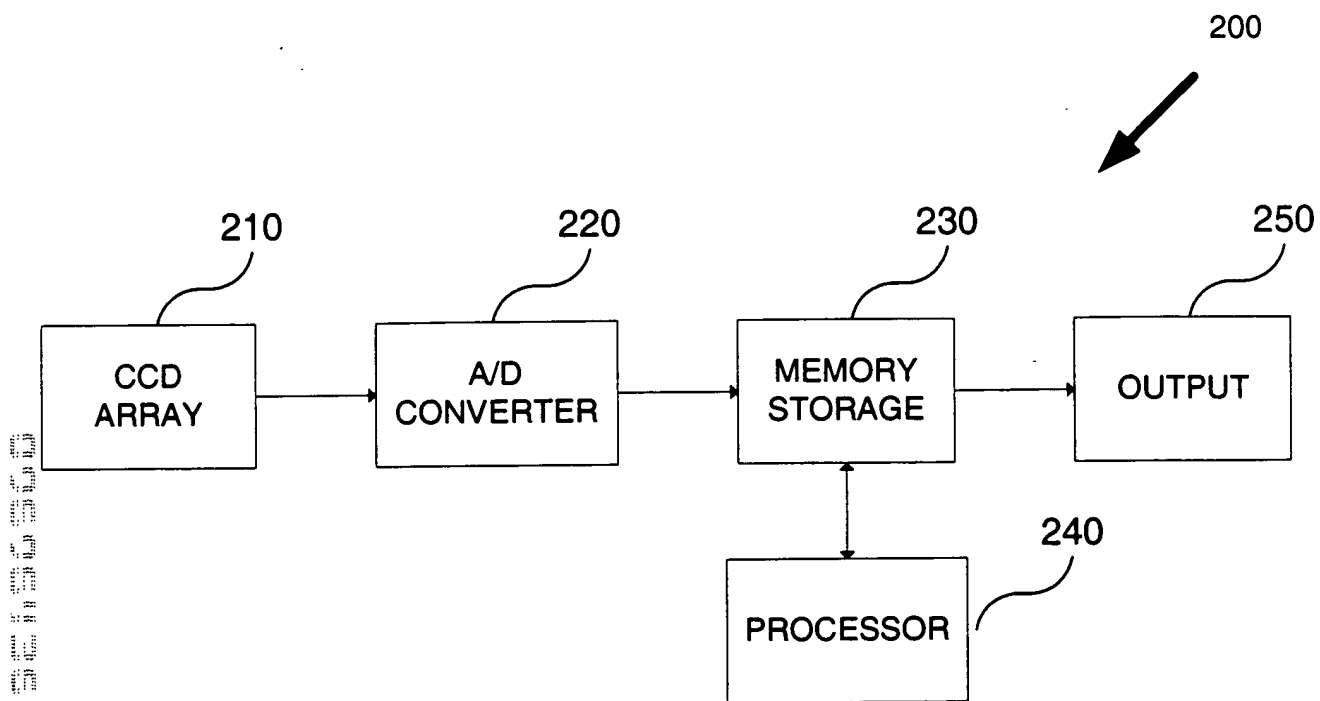


FIG. 2

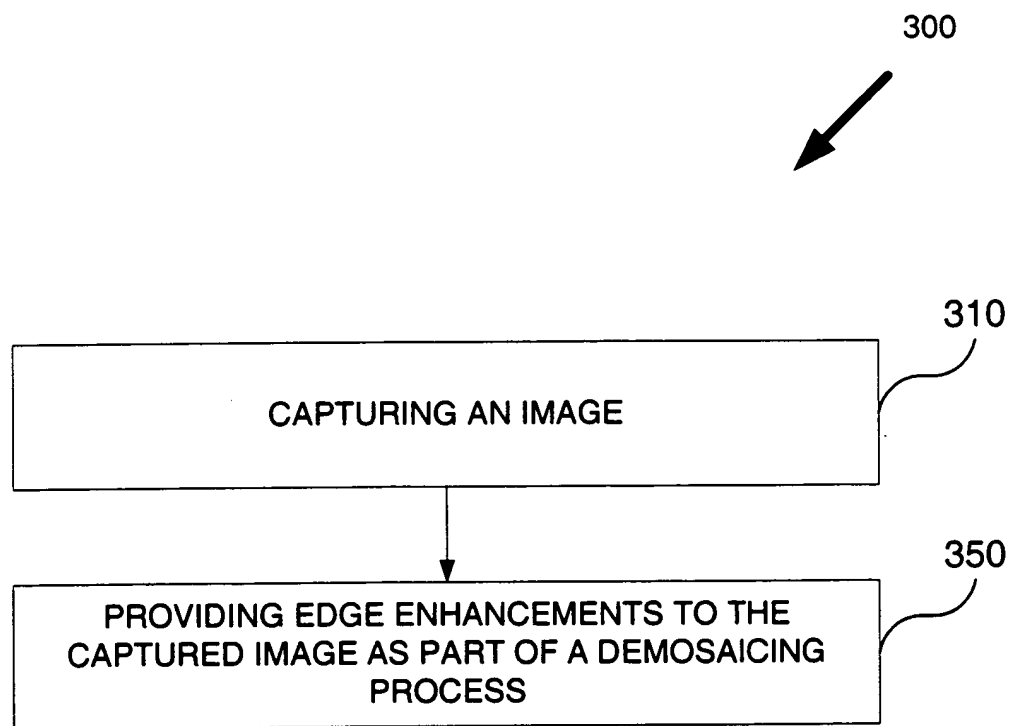


FIG. 3

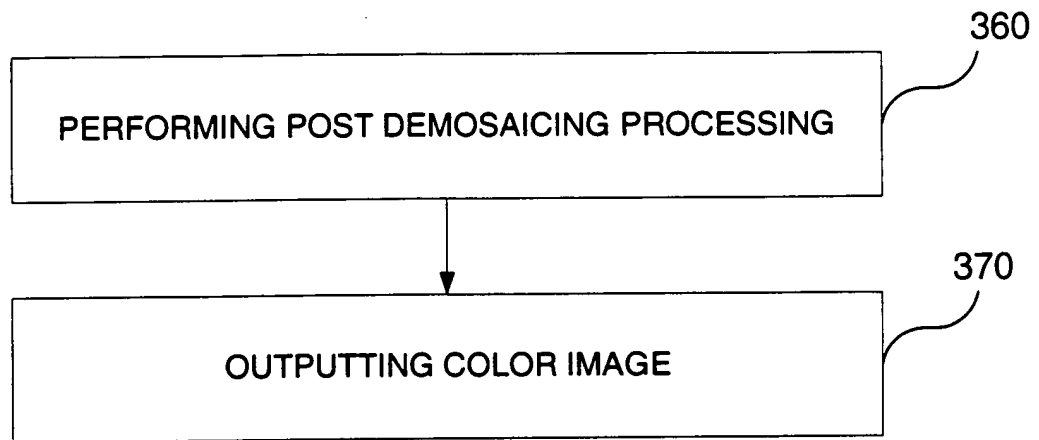


FIG. 4

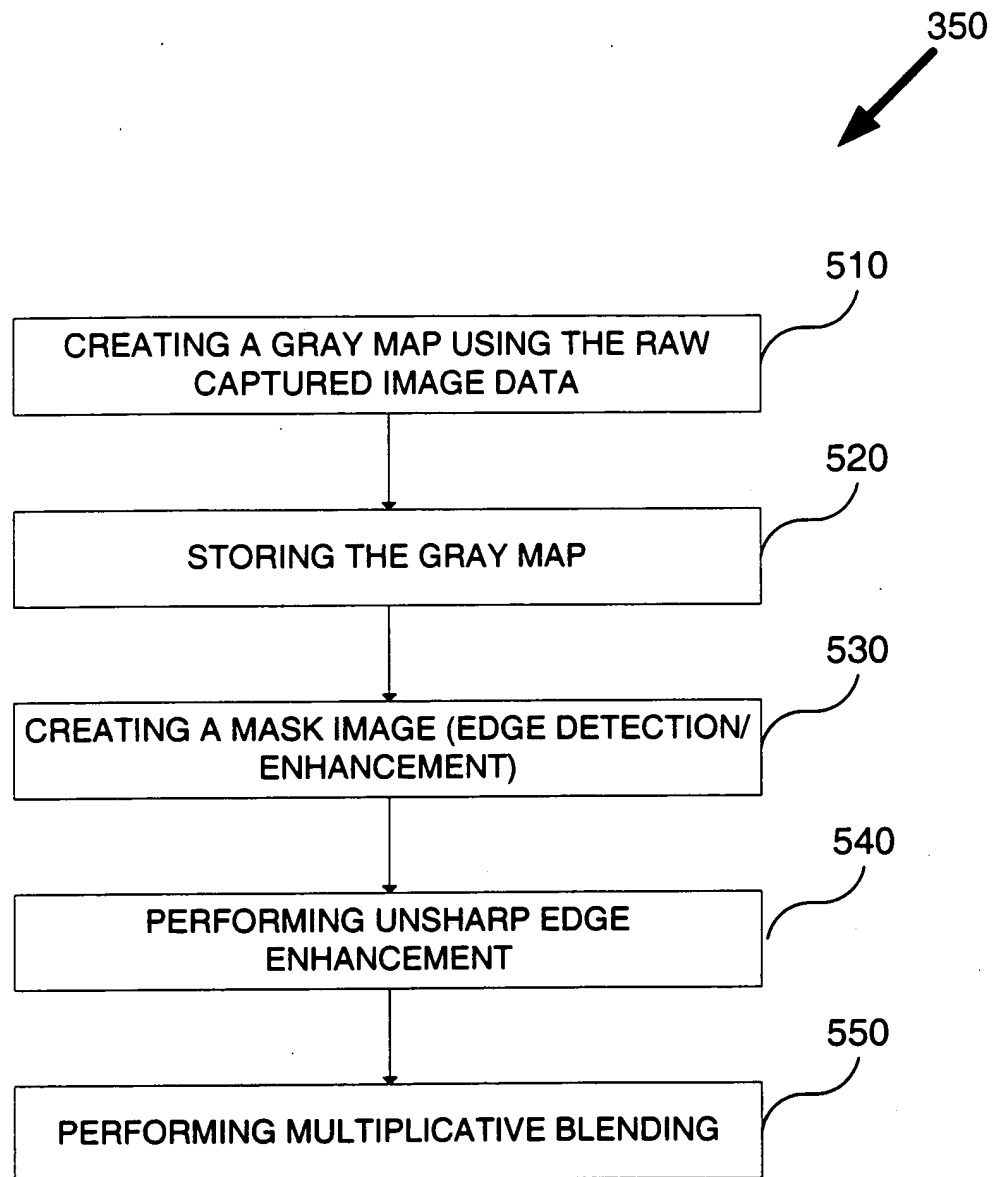


FIG. 5

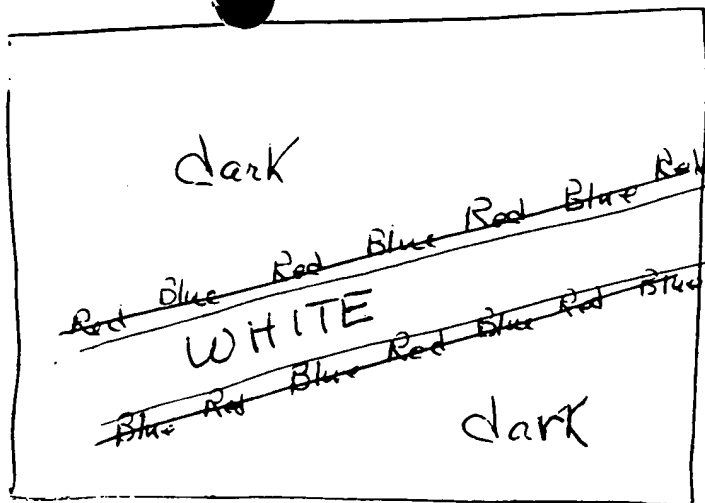


FIG. 6A

normal
demosaic
results of
a high contrast
line with
FRINGE EFFECT

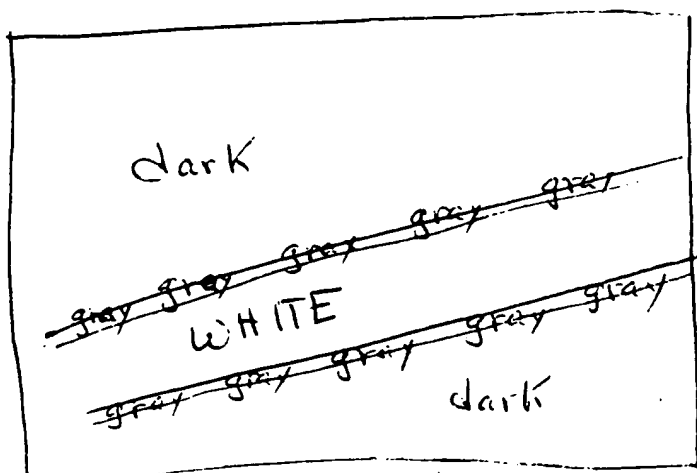


FIG. 6B

FRINGE EFFECT
removed showing
achromatic edges

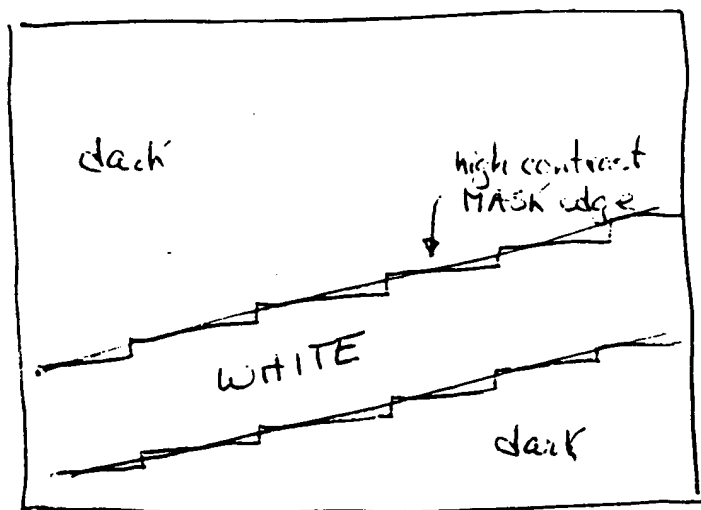


FIG. 6C

Create MASK image
From Fringe corrected
image

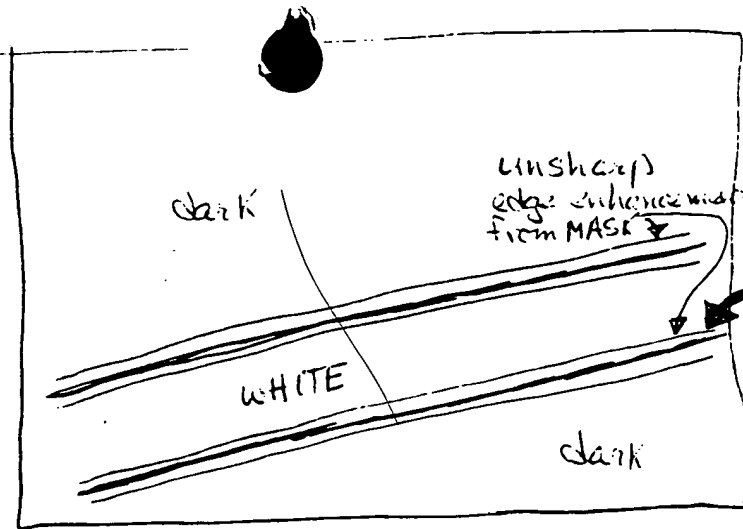
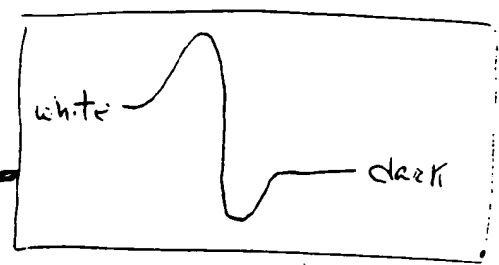


FIG. 6D



cross section view

FIG. 6E

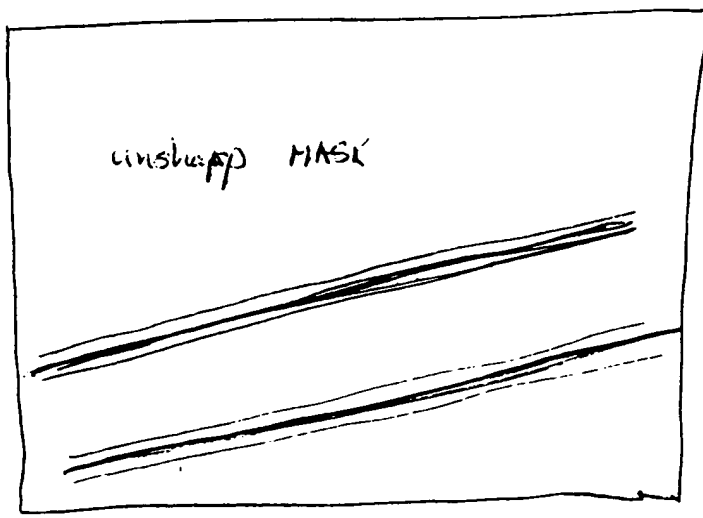


FIG. 6D

+

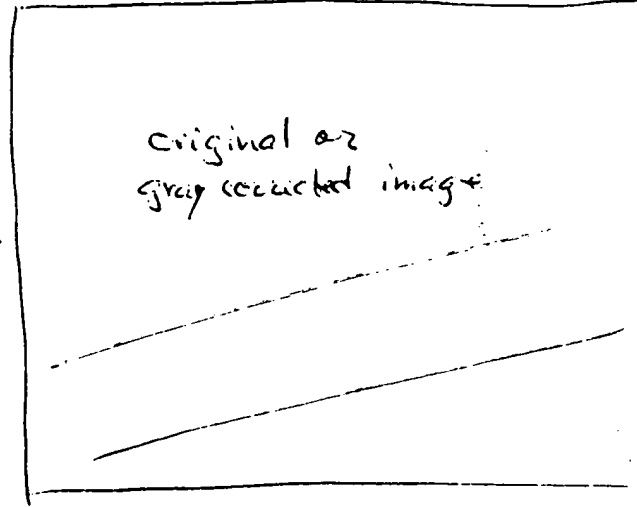


FIG. 6A or 6B

multiplicative blend

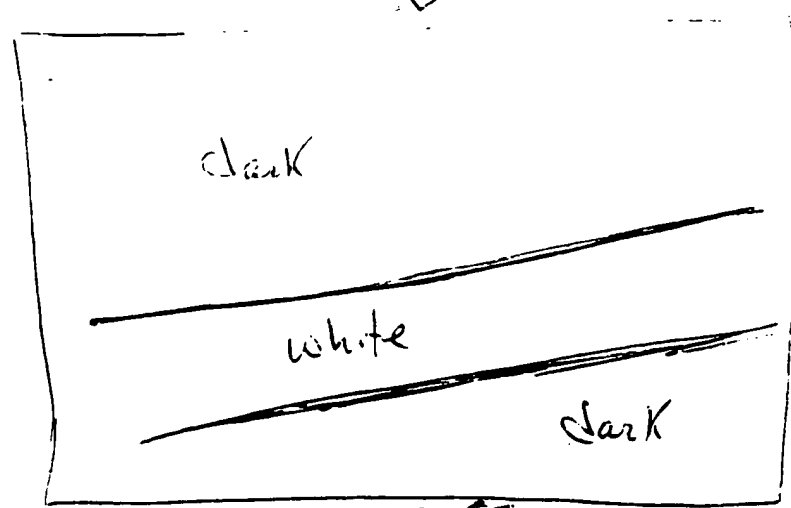
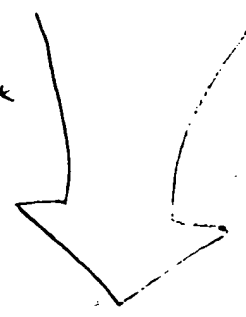


FIG. 6F

Final Edge Enhanced image from Demosaic & Edge Enhancement Process

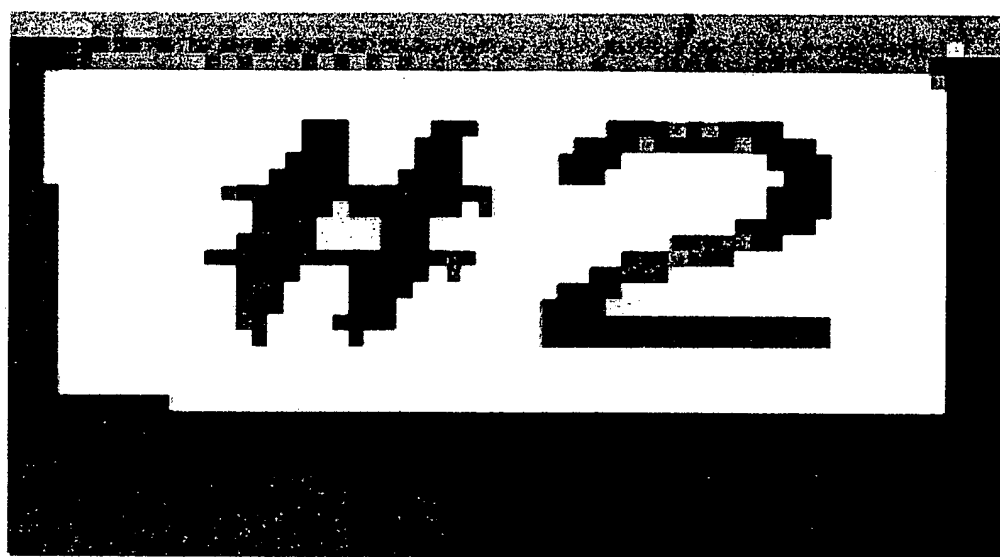


FIG. 6 G

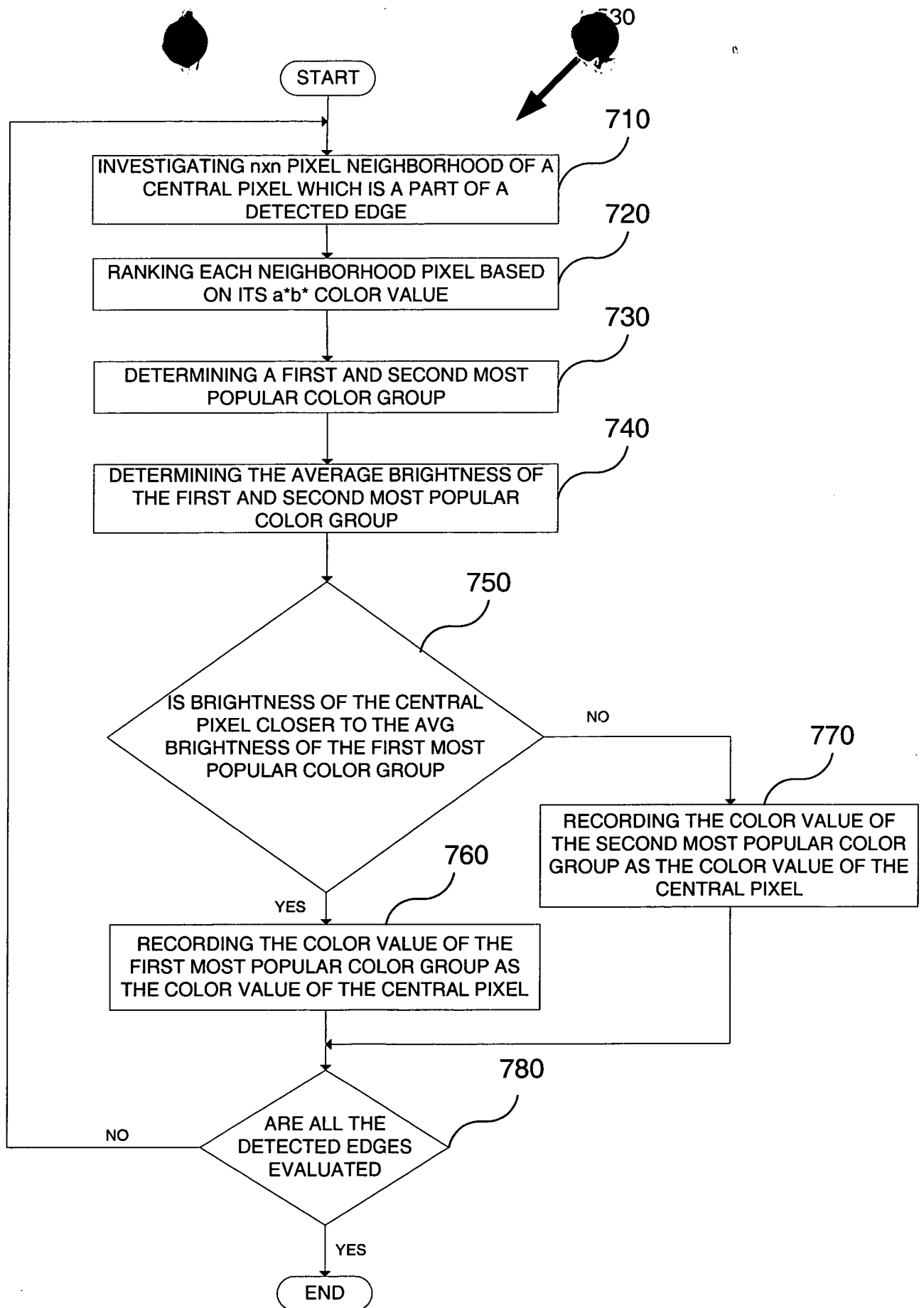


FIG. 7

22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS

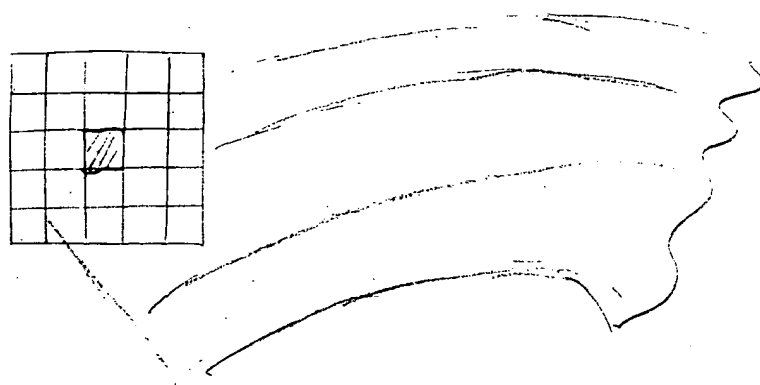


FIG. 8A

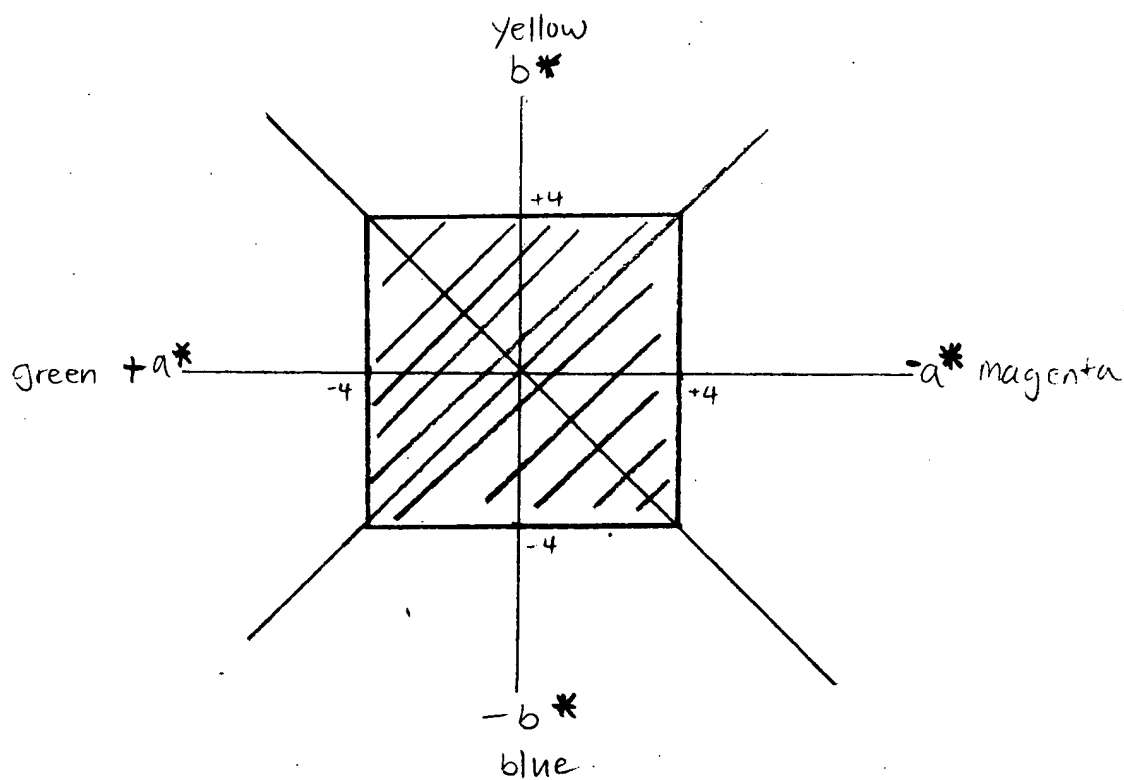


FIG. 8B